

| | Type | Hits | Search Text | DBs | Time Stamp | Comments | Error Definition | Errors | Ref # |
|---|------|------|---|---|------------------|----------|------------------|--------|-------|
| 1 | BRS | 8 | bump\$4 near mushroom and bump with copper | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | 2005/03/25 10:50 | | | | S2 |
| 2 | BRS | 4 | bump\$4 near mushroom and bump with copper and stem | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | 2005/03/21 12:10 | | | | S3 |
| 3 | BRS | 5 | bump\$4 with stem and bump with ellip\$6 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | 2005/03/21 10:20 | | | | S4 |
| 4 | BRS | 45 | bump with ellip\$6 and semiconductor | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | 2005/03/21 08:27 | | | | S6 |
| 5 | BRS | 9 | bump with ellip\$6 and semiconductor and bump with copper | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | 2005/03/21 08:16 | | | | S7 |
| 6 | BRS | 4 | bump and ellip\$6 and semiconductor and stem and mushroom | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | 2005/03/21 08:28 | | | | S10 |
| 7 | BRS | 51 | bump and ellip\$6 and semiconductor and stem | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | 2005/03/21 08:44 | | | | S9 |
| 8 | BRS | 6 | bump\$4 with stem and bump with elongat\$6 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | 2005/03/21 08:53 | | | | S11 |
| 9 | BRS | 3 | bump\$4 with stem and (copper or cu) and ellip\$6 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | 2005/03/21 10:20 | | | | S13 |

| | Type | Hits | Search Text | DBs | Time Stamp | Comments | Error Definition | Errors | Ref # |
|----|------|------|---|---|------------------|----------|------------------|--------|-------|
| 10 | BRS | 19 | bump\$4 with stem and bump and ellip\$6 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | 2005/03/21 11:44 | | | | S12 |
| 11 | BRS | 4 | bump\$4 with mushroom and bump same ellip\$6 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | 2005/03/21 12:50 | | | | S14 |
| 12 | BRS | 27 | bump near ellip\$6 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | 2005/03/21 11:27 | | | | S15 |
| 13 | BRS | 5 | bump\$4 with stem and bump with ellip\$6 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | 2005/03/21 11:45 | | | | S16 |
| 14 | BRS | 5 | bump\$4 with stem and bump same ellip\$6 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | 2005/03/21 11:45 | | | | S17 |
| 15 | BRS | 11 | bump\$4 same stem and bump same ellip\$6 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | 2005/03/21 11:45 | | | | S18 |
| 16 | BRS | 5 | bump near ellip\$6 and semiconductor | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | 2005/03/21 11:46 | | | | S19 |
| 17 | BRS | 1 | 2002-374912.NRAN. | DERWENT | 2005/03/21 11:52 | | | | S20 |
| 18 | BRS | 2 | bump\$4 near mushroom and stem near (circ\$5 or round or cylind\$5) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | 2005/03/21 11:57 | | | | S21 |

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|----|------|------|--|---|------------------|----------|------------------|--------|-------|
| 19 | BRS | 6 | bump\$4 near mushroom and stem with (circ\$5 or round or cylind\$5) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | 2005/03/21 11:58 | | | | S22 |
| 20 | BRS | 3 | bump\$4 near mushroom and stem with (circul\$5 or round or cylind\$5 or circl\$5) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | 2005/03/21 12:51 | | | | S23 |
| 21 | BRS | 7 | bump\$4 with mushroom and stem with (circul\$5 or round or cylind\$5 or circl\$5) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | 2005/03/21 11:59 | | | | S24 |
| 22 | BRS | 52 | bump\$4 with stem with (circul\$5 or round or cylind\$5 or circl\$5) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | 2005/03/21 11:59 | | | | S25 |
| 23 | BRS | 1 | bump\$4 same stem with (circul\$5 or round or cylind\$5 or circl\$5) and semiconductor | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | 2005/03/21 12:00 | | | | S27 |
| 24 | BRS | 4 | bump\$4 near mushroom and bump with stem | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | 2005/03/21 12:11 | | | | S28 |
| 25 | BRS | 5 | bump\$4 with mushroom and bump with stem | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | 2005/03/21 12:16 | | | | S29 |

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|----|------|------|--|---|------------------|----------|------------------|--------|-------|
| 26 | BRS | 2 | bump\$4 same mushroom same ellip\$6 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | 2005/03/21 12:17 | | | | S30 |
| 27 | BRS | 2 | bump\$4 same mushroom same ellip\$6 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | 2005/03/24 00:36 | | | | S32 |
| 28 | BRS | 14 | bump\$4 with mushroom and ellip\$6 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | 2005/03/24 00:06 | | | | S33 |
| 29 | BRS | 9 | bump\$4 with mushroom with stem | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | 2005/03/21 12:52 | | | | S34 |
| 30 | BRS | 8 | bump\$4 same mushroom same stem same (circul\$5 or round or cylind\$5 or circl\$5) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | 2005/03/21 12:53 | | | | S35 |
| 31 | BRS | 7 | bump\$4 near mushroom and bump with elongat\$6 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | 2005/03/23 23:40 | | | | S36 |
| 32 | BRS | 14 | bump\$4 with mushroom and bump with elongat\$6 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | 2005/03/23 23:40 | | | | S37 |
| 33 | IS&R | 2 | ("6372622").PN. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | 2005/03/24 00:07 | | | | S38 |
| 34 | IS&R | 2 | ("6194667").PN. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | 2005/03/24 00:09 | | | | S39 |

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|----|------|------|---|---|---------------------|----------|------------------|--------|-------|
| 35 | IS&R | 2 | ("5523920").PN. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | 2005/03/24 00:09 | | | | S40 |
| 36 | IS&R | 2 | ("4742023").PN. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | 2005/03/24 00:10 | | | | S41 |
| 37 | BRS | 2 | bump\$4 with mushroom and fine with pitch and ellip\$6 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | 2005/03/24 00:11 | | | | S43 |
| 38 | BRS | 45 | bump\$4 with mushroom and fine with pitch | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | 2005/03/24 00:15 | | | | S42 |
| 39 | BRS | 7 | bump\$4 and stem with (circul\$5 or round or cylind\$5 or circl\$5) and semiconductor and ellip\$6 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | 2005/03/24 00:35 | | | | S44 |
| 40 | BRS | 7 | bump\$4 near mushroom and axis | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | 2005/03/25 10:50 | | | | S45 |